



NITFS

Compliance Registration



Product: **Rapid Access Image Server (RAIS) version 2.0**

Sponsor: **Research Systems, Inc.**

Developer: **Research Systems, Inc.**

Date: **25 September 2004**

Expiration: **24 September 2006**

Registration #: **2037**

☒ Initial Registration
☐ Supplemental/Update # _____
☐ Derived from Reg. # _____

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
☒ v2.1
☐ v2.0
☐ v1.1
☐ NSIF
☐ v1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☒ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ TT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☒ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☐ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ None implemented
☐
☐

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Windows 2000, Windows XP, and Windows Server 2003
- Sun Solaris 2.8

Interpret
Generate

Legend

☒ Fully implemented
☐ Partially implemented
☐ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.